MINING APPLICATION NO. ACT-015-011
Date 1-28-77

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

Preliminary

NOTICE OF INTENTION TO COMMENCE MINING OPERATIONS

(See Rule M of General Rules and Regulations)

1. Name of Applicant or Company Atlas Minerals Division of Atlas Corporation
   Corporation (X) Partnership ( ) Individual ( )
2. Address Big Indian Mines Moab, Utah 84532
   Permanent Temporary
3. Name and title of person representing company T.L. Wilson, Manager of MInes
4. Address Moab, Utah 84532 Office Phone 686-2217
5. Location of Operation Emery County Sec. 14 T. 21S R. 14E
6. Name of Mine Probe Mine
7. Mineral to be mined:

( )	Coal	( )	Flagstone
( )	Copper	( )	Gravel
( )	Manganese	( )	Shale
( )	Iron Ore	(X)	Uranium
( )	Phosphate	( )	Gilsonite
( )	Potash	( )	Bituminous Sandstone
( )	Fluorspar	( )	Tungsten
( )	Other (specify)		

   Mining method:
   Underground
   Modified Room and Pillar

8. Have you or any person, partnership or corporation associated with you received an approved Notice of Intention to Commence Mining Operations by the State of Utah for operations other than described herein?
   ( ) Yes ( ) No
   If yes, list all approval numbers now under surety:
   #ACT - 037 - 003

9. Owner/Owners of record of the surface area within the land to be affected:
   Public Domain Address
   Address
   Address
   Address

10. Owner/Owners of record of minerals to be mined:

Atlas Minerals	Address	Moab, Utah
C.H. Snow	Address	Ferron, Utah
	Address	
	Address	

11. Owner/Owners of record of all other minerals within any part of the land affected:

Atlas Minerals	Address	Moab, Utah
C.H. Snow	Address	Ferron, Utah
	Address	

11a. Have the above owners been notified in writing?
(X) Yes ( ) No

12. Source of Operator's legal right to enter and conduct operations on land to be covered by the Notice Ownership or lease of mining claims

13. Approximate acreage to be disturbed:

A)	Mining Operation Area - (include operations, storage, & disposal area)	7.6	acres
B)	Access Road or Haulageway -	0.2	acres
C)	Drainage System -	Included in operation area	acres
	TOTAL ACRES:	7.8	

14. Give the names and post office addresses of every principal Executive, Officer, Partner, (or person performing a similar function) of Applicant:

	Name:	Title:	Address:
a.	A.E. Dearth	President	Atlas Minerals Division of Atlas Corporation 2506 Prudential Plaza 1050 17th Street Denver, Colorado 80202
b.			
c.			
d.			

15. Has Applicant, any subsidiary or affiliate or any person, partnership, association, trust, or corporation controlled by or under common control with Applicant, or any person required to be identified by Item 14, ever had an approval of a Notice of Intention withdrawn or has surety relating thereto ever been forfeited? ( ) Yes (X) No

If yes, explain:

STATE OF _____

COUNTY OF _____

I, _____, having been duly sworn depose and attest that all of the representations contained in the foregoing application are true to the best of my knowledge; that I am authorized to complete and file this application on behalf of the Applicant and this application has been executed as required by law.

Signed: _____

Taken, subscribed and sworn to before me the undersigned authority in my said county, this _____ day of _____, 19 ___.

Notary Public: _____

My Commission Expires: _____

PLEASE NOTE:

Section 40-8-13(2) of the Mined Land Reclamation Act provides as follows:

> "Information relating to the location, size, or nature of the deposit and marked confidential by the operator, shall be protected as confidential information by the Board and the Division and not be a matter of public record in the absence of a written release from the operator, or until the mining operation has been terminated as provided in subsection (2) of section 40-8-21."

Is confidential information contained herein?

YES _____ (Initial)

NO _____ (Initial)

Sections desired to be maintained as confidential information -

_____ _____ _____

_____ _____ _____

_____ _____ _____

MINING APPLICATION NO. _____

Date _____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

MINING AND RECLAMATION PLAN

(Other forms may be used in lieu of MR 2, provided they contain the same information)

1. Name of Applicant or Company Atlas Minerals, Division of Atlas Corporation

2. Proposed type of operation Underground Uranium Mine

3. (a) Prior Land Use(s) Grazing

   (b) Current Land Use(s) Mining, Grazing

   (c) Possible or Prospective Future Land Use(s) Grazing

4. What vegetation exists on the land proposed to be affected

   Shadscale, Indian Ricegrass

   (a) Types and Estimated Percent cover or density: Less thaw 5% cover

5. What is the pH range of soil before mining? 8.2 - 8.6 pH

   Name of Person or Agency and method of determining pH Brad Clark, Lamotte

   Colormetric

6. Site elevation above sea level 4400' ±

7. In case of coal, oil shale, and bituminous sandstone:

   Principal seam(s) and thickness(es) _____

8. Estimated duration of mining operations 15 years

9. Has overburden, waste or rejected materials been classified as acid or alkali producing? ( ) Yes (X) No
   Does the above material being moved have any other characteristics affecting revegetation? Nutrient Deficient

10. Will any underground workings or aquifers be encountered? (X) Yes ( ) No
    Describe Water bearing strata

    Is there an active discharge of water from abandoned deep mines on or crossing the land affected? ( ) Yes (X) No. If yes, describe the quality of water being discharged. _____

(X) Other Broadcast and drag covered

2. Will Mulch be used? ( ) Yes (X) No

Type: _____ Rate/Acre _____ lbs.

3. Revegetation Plan and Schedule -

Species	Rate/ Acre	Planting Location	Facing N-S-E-W	Season to be replanted
Indian Rice Grass	1 #/ac	All sites	All	Preferably Fall
Four Wing Saltbush	1 #/ac	" "	"	" "
Sand Propseed	1 #/ac	" "	"	" "
Crested Wheatgrass	2 #/ac	Near drainage	"	" "

4. Will affected area be subject to livestock or wildlife grazing?

(X) Yes ( ) No Will vegetation protection be needed? _____

If grazing control cannot be accomplished, protection may be employed

5. Will irrigation be used: ( ) Yes (X) No Type _____

6. Describe maintenance procedures for revegetation if needed, until surety release is granted.

Monitoring and reseeding if necessary

STATE OF _____

COUNTY OF _____

I, _____, having been duly sworn depose and attest that all of the representations contained in the foregoing application are true to the best of my knowledge; that I am authorized to complete and file this application on behalf of the Applicant and this application has been executed as required by law.

Signed: _____

Taken, subscribed and sworn to before me the undersigned authority in my said county, this _____ day of _____, 19 ___.

Notary Public: _____

My Commission Expires: _____

PLEASE NOTE:

Section 40-8-13(2) of the Mined Land Reclamation Act provides as follows:

> "Information relating to the location, size, or nature of the deposit and marked confidential by the operator, shall be protected as confidential information by the Board and the Division and not be a matter of public record in the absence of a written release from the operator, or until the mining operation has been terminated as provided in subsection (2) of section 40-8-21."

Is confidential information contained herein?

YES _____ (Initial)

NO _____ (Initial)

Sections desired to be maintained as confidential information -

_____ _____ _____

_____ _____ _____

_____ _____ _____

Attachment A

Mining

Atlas Minerals proposes to construct a shaft mine for the purpose of extracting uranium ore from the Saltwash sandstone member in the Morrison formation. Mining would be conducted in a safe, orderly, and minerlike fashion.

A 12 foot by 6 foot mine shaft would be sunk 800 feet to the ore horizon. From this shaft a parallel drift system would be driven to ore reserves principally located south of the proposed shaft site. Three bore holes would be necessary to provide adequate ventilation and emergency escapeways.

Surface disturbance will be limited to an access road, building and shaft sites, ore pads, low grade and waste rock stockpiles, and a drainage system. Building sites, the shaft site, and the access road, would be prepared with fill material and grading. An ore pad would be used to stockpile ore until it could be transported to Moab, Utah for milling. Most of the material used to prepare the base of the ore pad and a portion of the low grade stockpile would be ultimately removed from the site for milling. Waste rock produced by the mining operation would be contained on the waste rock stockpile area (See disturbed surface area map).

Due to the characteristics of the existing Mancos shale surface material, none of this material would be removed for stockpiling and respreading. The existing vegetation would not be salvaged for revegetation purposes.

There are no natural water bodies in the immediate area; a ephemeral drainage crosses and another skirts the proposed mining site. The drainage through the site would be diverted to the adjacent drainage with an earthen berm while drainages traversed by the access road would be culverted to reduce interference with intermittent surface run-off.

Since mining would penetrate water bearing strata, some water will be periodically pumped to the surface from the underground workings. At the surface, the water would be contained and diverted to a proposed treatment facility approximately 8000 feet south of the planned shaft site and treated for suspended solids and Radium 226. Because this treatment facility would be jointly used by the Snow mine, also controlled by Atlas Minerals, a reclamation plan for this treatment and diversion system would be addressed in the reclamation plan for the Snow Mine.

Attachment B

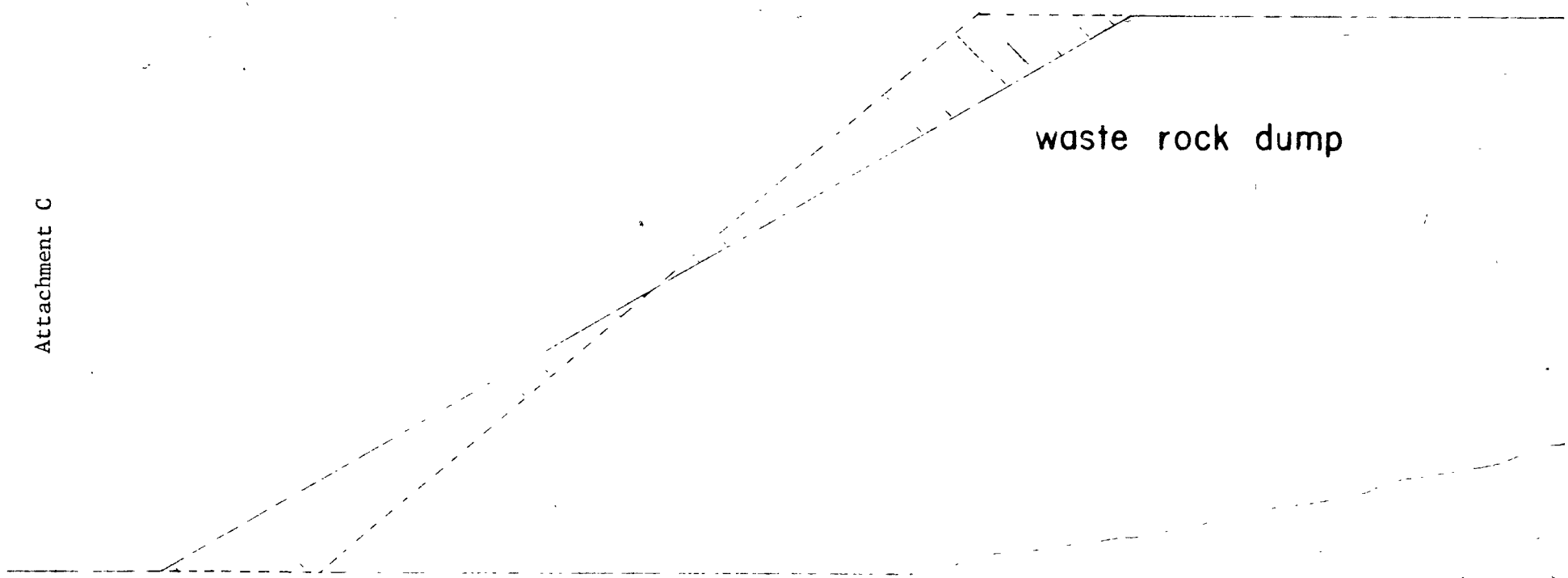
Reclamation

Upon final abandonment of the mine: extraneous debris, scrape metal, discarded wood, and unusable buildings will be buried or removed from the site. The shaft and ventilation bore holes will be sealed to prevent unauthorized or accidental entry.

Waste rock and remaining low grade stockpiles would be stabilized by: rounding outside edges, reducing slopes of faces and regrading drainage contours on the top flat surfaces. Ore pads, building sites, and the access road would be regraded to reestabilish ephemeral drainage patterns. The diversion berm and any culverts installed would be removed during grading. All compacted surfaces will be scarified prior to seeding. The entire site will be broadcast seeded with the specified mixture and drag covered.

At this time, there are no plans to use special revegetation methods. However, in the event revegetation tests indicate special soil preparation significant in establishing vegetation; then successful soil amendment and surface mainipulation would be employed.

TYPICAL CROSS SECTION OF REGRADED AREA
no scale



Attachment C